
JLR-4341 DGPS Receiver



- a sophisticated "all-in-view" DGPS receiver providing accurate global positioning

Built-in SBAS (WAAS/EGNOS/MSAS)
Built-in RAIM, satellite integrity check
12-channel, 12-satellite tracking
NMEA0183 (ver. 1.5/2.1/2.3) outputs
12-24V VDC

JLR-4341

- specifications



Unique features

By receiving GPS signals from up to twelve satellites, JLR-4341 sensor provides highly accurate position fixing. Furthermore, the JLR-4341 can implement DGPS measurement by receiving the correction data, and can achieve the measurement of high accuracy than the GPS measurement.

The sophisticated "all-in-view" JLR-4340 GPS receiver uses up to 12 satellite signals to pinpoint your exact location.

The JRC GPS receiver integrates DGPS measurement via correction data transmitted from the SBAS satellites (WAAS, EGNOS, MSAS), resulting in an even higher accuracy of current position.

RAIM functionality is included to assess the integrity of GPS signals in the GPS receiver, assuring higher reliability in global positioning than conventional methods.

The NMEA0183 output can be configured as version 1.5, 2.1 or 2.3, thus allowing connection with various types of marine equipment including radars, fish finders and plotters.

Specifications

Model JLR-4341

- Sensor Type : Multichannel 12ch+SBAS 1ch
- Maximum Number of Tracked Satellites : 12 Satellites
- Accuracy : 13m 2DRMS (HDOP \leq 4 SA off), 5m 2DRMS (Beacon DGPS), 7m 2DRMS (SBAS)
- SBAS : WAAS, MSAS, EGNOS
- Geodetic Datum : Selection among 46 geodetic datum (Default:WGS-84)
- Data input : Initial input, SBAS Setting input, Beacon Setting input
- Data output : Selection among NMEA0183, IEC61162-1
- Reception Beacon Frequency : 283.5~325kHz
- Selection of Beacon Station : Automatic or manual
- Power Supply Voltage : DC12/24V(+30%,-10%)
- Power Consumption : less than 2.5W
- Dimension : ϕ 134mm \times 155Hmm
- Mass : Approximately 1.7Kg
- Operation Temperature : -25°C~+55°C
- Storage Temperature : -25°C~+70°C
- Vibration : IEC60945 ed.4
- EMC : IEC60945 ed.4
- Waterproof : IP56

For further information please contact:

All specifications are subject to change without notification.

JRC *Japan Radio Co., Ltd.*

JRC America
1021 SW Klickitat Way
Bldg. D, Suite 101
Seattle WA 98134 U.S.A.
Tel : 1-(206)-654-5644
 : 1-(888)-225-4472
Fax : 1-(206)-654-7030
Email: sales@jrcamerica.com
Web : www.jrcamerica.com